

LATITUDE 39°27'30"

5,957'

4,611' TO BOTTOM HOLE
LATITUDE 39°25'00"

LONGITUDE 80°55'00"

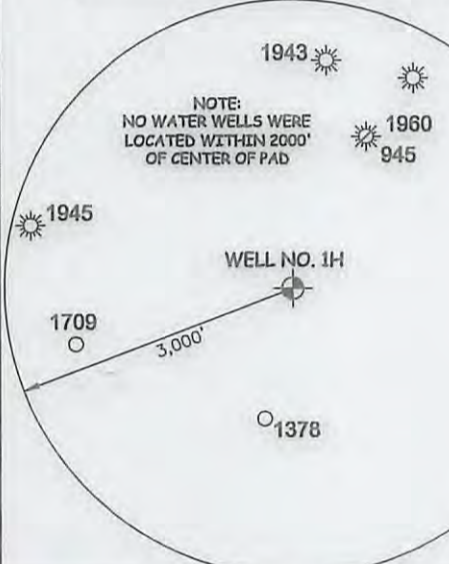
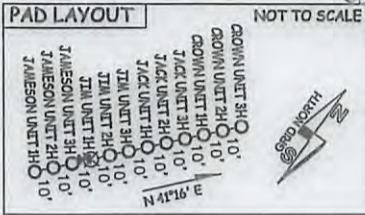
9,268' TO BOTTOM HOLE

13,436'

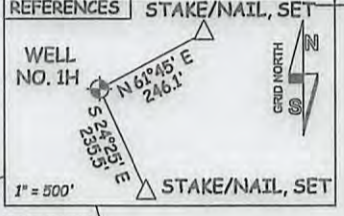
LONGITUDE 80°55'00"

**Antero Resources Corporation
Well No. Jim Unit 1H**

NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 338,859ft E: 1,593,844ft
 LAT: 39°25'17.21" LON: 80°56'15.91"
 BOTTOM HOLE INFORMATION:
 N: 327,832ft E: 1,595,017ft
 LAT: 39°23'28.40" LON: 80°55'58.73"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.
 (NAD) 83 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 4,363,557m E: 505,372m
 BOTTOM HOLE INFORMATION:
 N: 4,360,203m E: 505,786m



(NAD) 27 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 14,315,390ft E: 1,657,995ft
 POINT OF ENTRY INFORMATION:
 N: 14,314,538ft E: 1,655,686ft
 BOTTOM HOLE INFORMATION:
 N: 14,304,387ft E: 1,659,352ft



I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

JOB # 14-128WA
 DRAWING # JIM1HR2
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
 STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

LEGEND
 - - - Surface Owner Boundary Lines +/-
 - - - Interior Surface Tracts +/-
 X Existing Fence
 Found monument, as noted

THOMAS SUMMERS P.S. 2109
 DATE 02/19/18
 OPERATOR'S WELL# JIM UNIT #1H

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1,005' - PROPOSED 1,032' - ORIGINAL WATERSHED OUTLET MIDDLE ISLAND CREEK QUADRANGLE MIDDLEBOURNE 7.5' DISTRICT MEADE COUNTY TYLER
 SURFACE OWNER ROGER R. WEESE ACREAGE 177.31 ACRES +/-
 OIL & GAS ROYALTY OWNER ROGER R. WEESE; JAMES A. SMITH; STEVEN P. CARSE; DAVID QUENTIN CARSE; RONNIE LEE SMITH; DAVID QUENTIN CARSE; DAVID QUENTIN CARSE; DAVID QUENTIN CARSE; CHARLES E. STULL ET UX; LEEMAN W. MASON ET UX; GRACE SEWELL DeCARLO; JAMES McCULLOUGH ET UX; RONALD P. FLETCHER; RICHARD HALL BARNARD; RICHARD HALL BARNARD
 OIL & GAS GAYALTY OWNER 196,709 AC±; 31,919 AC±; 81.57 AC±; 75 AC±; 97,544 AC±; 3,623 AC±; 14,022 AC±; 10 AC±; 105 AC±; 37.69 AC±; 85.52 AC±; 78 AC±; 44.35 AC±; 148.25 AC±; 284.33 AC±
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___
 FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___
 PLUG & ABANDON ___ CLEAN OUT & REPLUG ___ PERFORATE NEW FORMATION X
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD - BHL
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,600' TVD 20,800' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1615 WYNKOOP STREET ADDRESS CT CORPORATION SYSTEM
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

47 - 095 - 02408
 STATE COUNTY PERMIT

NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.

06/22/2018